

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--------------------|------------------|---------|------------------|
| | | ("5774660").PN. | USPAT; USOCR | OR | OFF | 2004/09/28 15:20 |
| | | stor\$3(load adj estimate) | USPAT | OR | ON | 2005/12/23 14:16 |
| | | ("577460.pn.").PN. | USPAT; USOCR | OR | OFF | 2005/12/23 14:13 |
| | | @<"20001205" and "3" and gateway | USPAT | OR | ON | 2004/04/16 15:59 |
| | | @<"20001205" and gateway | USPAT | OR | ON | 2004/04/16 16:00 |
| | | ((e adj mail) or e-mail or email) adj categories) and ((user adj defined) or user-defined) | USPAT | OR | ON | 2004/03/12 17:14 |
| | | (e adj mail) or e-mail or email) adj categories and ((user adj defined) or user-defined) | USPAT | OR | ON | 2004/03/12 17:13 |
| | | categor\$4((e adj mail) or e-mail or email) | USPAT | OR | ON | 2004/03/12 17:09 |
| | | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (email or (e adj mail))(| USPAT | OR | ON | 2004/01/16 16:15 |
| | | (709/217.ccls.).CCLS. | USPAT; USOCR | OR | OFF | 2003/09/15 15:49 |
| | | (709/217.ccls.).CCLS. | USPAT; USOCR | OR | OFF | 2003/09/15 15:49 |
| | | (709/217-205.ccls.).CCLS. | USPAT; USOCR | OR | OFF | 2003/09/15 15:48 |
| | | "l26" and (automatic or dynamic) same configure\$3 same forward \$3 same card | USPAT | OR | OFF | 2003/05/29 15:26 |
| | | 710/22,57.ccls. | USPAT | OR | OFF | 2003/04/14 12:30 |
| | | ((("l3" or "l4") and (data same transfer same (buffer or memory) same computers)) | USPAT | OR | OFF | 2003/04/11 16:52 |
| | | (asynchronous same transfer same mode or atm) same cach\$4 same system digital adj document same | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:15 |
| | | (asynchronous same transfer same mode or atm) same cach\$4 same system and digital adj document same | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:15 |
| | | (asynchronous same transfer same mode or atm) same cache\$4 same system and digital adj document same | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:16 |
| L1 | 0 | store\$4 adj load adj estimate | USPAT | OR | OFF | 2005/12/23 14:14 |

| | | | | | | |
|-----|-------|---|-------|----|-----|------------------|
| L2 | 0 | store\$4 adj load\$2 adj estimate | USPAT | OR | ON | 2005/12/23 14:15 |
| L3 | 0 | (store\$4 adj load adj estimate) | USPAT | OR | ON | 2005/12/23 14:15 |
| L4 | 141 | (load adj estimate) | USPAT | OR | ON | 2005/12/23 14:15 |
| L5 | 2 | store\$4 near(load adj estimate) | USPAT | OR | ON | 2005/12/23 14:16 |
| S1 | 147 | server same estimat\$4 same load\$ | USPAT | OR | ON | 2004/09/28 15:21 |
| S2 | 0 | server same estimat\$4 same load\$ same header\$ | USPAT | OR | ON | 2004/09/27 16:23 |
| S3 | 23215 | server same estimat\$4 same load\$ an (check\$4 same header\$) | USPAT | OR | ON | 2004/09/27 16:24 |
| S4 | 10 | server same estimat\$4 same load\$ and (check\$4 same header\$) | USPAT | OR | ON | 2004/09/27 16:30 |
| S5 | 2 | ("6606708" "6611869" "2003/0041263").PN. | USPAT | OR | OFF | 2004/09/27 16:25 |
| S6 | 0 | server same estimat\$4 same load\$ and (evaluat\$4 adj4 table\$) and (check\$4 same header\$) | USPAT | OR | ON | 2004/09/27 16:30 |
| S7 | 0 | server same estimat\$4 same load\$ and (evaluat\$4 adj4 table\$) and header\$ | USPAT | OR | ON | 2004/09/27 16:31 |
| S8 | 1 | server same estimat\$4 same load\$ and (evaluat\$4 same table\$) and header\$ | USPAT | OR | ON | 2004/09/27 16:32 |
| S9 | 0 | server\$ same estimat\$4 same load\$ and (evaluat\$4 same header\$)and 709/2\$\$.ccls. | USPAT | OR | ON | 2004/09/27 16:32 |
| S10 | 0 | server\$ same estimat\$4 same load\$ and (evaluat\$4 same header\$) | USPAT | OR | ON | 2004/09/27 16:33 |
| S11 | 10 | server\$ same estimat\$4 same load\$ and (control\$4 same header\$) | USPAT | OR | ON | 2004/09/27 16:33 |
| S12 | 10 | server\$ same estimat\$4 same load\$ and (control\$4 same header\$) and (backup or back-up or back up) | USPAT | OR | ON | 2004/09/27 16:35 |
| S13 | 15 | estimat\$4 same load\$ and (control\$4 same header\$) and ((backup or back-up or back up) near4 server) | USPAT | OR | ON | 2004/09/28 15:09 |
| S14 | 1 | "5774660".pn. | USPAT | OR | OFF | 2004/09/27 17:06 |
| S15 | 4 | (on-line or online or on line) near education adj courses | USPAT | OR | ON | 2004/09/27 17:16 |
| S16 | 0 | (on-line or online or on line) adj education adj courses and applet | USPAT | OR | ON | 2004/09/27 17:16 |

| | | | | | | |
|-----|----|--|-----------------|----|-----|------------------|
| S17 | 0 | (on-line or online or on line) adj education adj courses and source adj code | USPAT | OR | ON | 2004/09/27 17:16 |
| S18 | 2 | (on-line or online or on line) adj education adj courses and code | USPAT | OR | ON | 2004/09/27 17:17 |
| S19 | 0 | (on-line or online or on line) adj education adj courses and code and correct same answer | USPAT | OR | ON | 2004/09/27 17:17 |
| S20 | 0 | (on-line or online or on line) adj education adj courses and code and correct\$4 same answer | USPAT | OR | ON | 2004/09/27 17:17 |
| S21 | 0 | (on-line or online or on line) adj education adj courses and code and correct\$4 with answer | USPAT | OR | ON | 2004/09/27 17:17 |
| S22 | 0 | (on-line or online or on line) adj education adj courses and code and answer and html | USPAT | OR | ON | 2004/09/27 17:17 |
| S23 | 0 | (on-line or online or on line) adj education adj courses and html and answer | USPAT | OR | ON | 2004/09/27 17:18 |
| S24 | 1 | (on-line or online or on line) adj education adj courses and html and code | USPAT | OR | ON | 2004/09/27 17:18 |
| S25 | 2 | (on-line or online or on line) adj education adj courses and html | USPAT | OR | ON | 2004/09/27 17:27 |
| S26 | 1 | (on-line or online or on line) adj education adj courses and code and answer | USPAT | OR | ON | 2004/09/27 17:28 |
| S27 | 4 | (on-line or online or on line) adj education adj courses | USPAT | OR | ON | 2004/09/27 17:29 |
| S28 | 1 | ("6571246").PN. | USPAT; USOCR | OR | OFF | 2004/09/27 17:37 |
| S29 | 1 | ("6571246").PN. | USPAT; USOCR | OR | OFF | 2004/09/27 17:39 |
| S30 | 1 | ("6652287").PN. | USPAT; USOCR | OR | OFF | 2004/09/28 14:53 |
| S31 | 10 | estimat\$4 with load\$ and (control\$4 same header\$) and ((backup or back-up or back up) near4 server) | USPAT | OR | ON | 2004/09/28 15:10 |
| S32 | 2 | (estimat\$4 adj load\$) and (control\$4 same header\$) and ((backup or back-up or back up) near4 server) | USPAT | OR | ON | 2004/09/28 15:10 |
| S33 | 0 | dynamic\$4 adj select\$4 adj server and estimate adj load | USPAT | OR | OFF | 2004/09/28 15:21 |
| S34 | 3 | dynamic\$4 adj select\$4 adj server | USPAT | OR | OFF | 2004/09/28 15:21 |

| | | | | | | |
|-----|------|--|-----------------|----|-----|------------------|
| S35 | 15 | server same estimat\$4 same load\$ and (dynamic\$4 adj select\$4) | USPAT | OR | ON | 2004/09/28 15:25 |
| S36 | 0 | estimat\$4 same load\$ and (dynamic\$4 adj select\$4 adj server) | USPAT | OR | ON | 2004/09/28 15:25 |
| S37 | 2 | estimat\$4 same load\$ and (dynamic\$4 adj select\$4) with server | USPAT | OR | ON | 2004/09/28 15:27 |
| S38 | 2 | estimat\$4 with load\$ and (dynamic\$4 adj select\$4) with server | USPAT | OR | ON | 2004/09/28 15:50 |
| S39 | 1 | ("6078598").PN. | USPAT; USOCR | OR | OFF | 2002/12/23 15:07 |
| S40 | 1 | ("6078597").PN. | USPAT; USOCR | OR | OFF | 2002/12/23 15:07 |
| S41 | 570 | 709/250.ccls. | USPAT | OR | OFF | 2002/12/30 10:11 |
| S42 | 0 | network adj interface adj card same 709/250.ccls. | USPAT | OR | OFF | 2002/12/30 10:12 |
| S43 | 65 | network adj interface adj card and 709/250.ccls. | USPAT | OR | OFF | 2002/12/30 10:12 |
| S44 | 0 | wireless adj device same network adj interface adj card and 709/250.ccls. | USPAT | OR | OFF | 2002/12/30 10:13 |
| S45 | 0 | wireless adj device near network adj interface adj card and 709/250.ccls. | USPAT | OR | OFF | 2002/12/30 10:13 |
| S46 | 0 | wireless adj device and network adj interface adj card and 709/250.ccls. | USPAT | OR | OFF | 2002/12/30 10:14 |
| S47 | 19 | wireless and network adj interface adj card and 709/250.ccls. | USPAT | OR | OFF | 2003/01/07 15:55 |
| S48 | 2371 | computers same wireless and network | USPAT | OR | OFF | 2003/01/07 15:56 |
| S49 | 206 | computers same wireless and network and api | USPAT | OR | OFF | 2003/01/07 15:56 |
| S50 | 170 | computers same wireless and network and application adj program\$4 adj interface | USPAT | OR | OFF | 2003/01/07 15:58 |
| S51 | 170 | computers same wireless and network and application adj program\$4 adj interface | USPAT | OR | OFF | 2003/01/07 15:58 |
| S52 | 1005 | 709/223.ccls. | USPAT | OR | OFF | 2003/01/24 16:41 |
| S53 | 0 | binary same message\$4 same layout same 709/223.ccls. | USPAT | OR | OFF | 2003/01/24 16:41 |
| S54 | 0 | message\$4 same layout same 709/223.ccls. | USPAT | OR | OFF | 2003/01/24 16:41 |

| | | | | | | |
|-----|------|--|--------------------|----|-----|------------------|
| S55 | 928 | message\$4 same layout | USPAT | OR | OFF | 2003/01/24 16:42 |
| S56 | 44 | binary same message\$4 same layout | USPAT | OR | OFF | 2003/01/24 16:42 |
| S57 | 5 | binary same message\$4 same layout same structure | USPAT | OR | OFF | 2003/01/24 16:44 |
| S58 | 0 | tcp/ip same binary same message\$4 same layout same structure | USPAT | OR | OFF | 2003/01/24 16:44 |
| S59 | 408 | 709/236.ccls. | USPAT | OR | OFF | 2003/02/06 10:34 |
| S60 | 0 | system same control same 709/236.ccls. | USPAT | OR | OFF | 2003/02/06 14:00 |
| S61 | 0 | network same port same internet same control\$4 same 709/236.ccls. | USPAT | OR | OFF | 2003/02/06 14:01 |
| S62 | 415 | network same port same internet same control\$4 | USPAT | OR | OFF | 2003/02/06 14:02 |
| S63 | 15 | network same portal same internet same control\$4 | USPAT | OR | OFF | 2003/02/06 15:16 |
| S64 | 0 | portal adj between same network same internet same control\$4 | USPAT | OR | OFF | 2003/02/06 14:32 |
| S65 | 0 | portal adj between same internet same control\$4 | USPAT | OR | OFF | 2003/02/06 14:33 |
| S66 | 2 | portal adj between same control\$4 | USPAT | OR | OFF | 2003/02/06 15:26 |
| S67 | 0 | ("8925337").PN. | USPAT; USOCR | OR | OFF | 2003/02/06 15:16 |
| S68 | 0 | message same protocol same portal adj between same control\$4 | USPAT | OR | OFF | 2003/02/06 15:18 |
| S69 | 0 | message same portal adj between same control\$4 | USPAT | OR | OFF | 2003/02/06 15:19 |
| S70 | 0 | message same protocol and portal adj between same control\$4 | USPAT | OR | OFF | 2003/02/06 15:20 |
| S71 | 8858 | asynchronous same transfer same mode | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:01 |
| S72 | 8882 | asynchronous same transfer same mode or atm same on-demand | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:02 |
| S73 | 8858 | asynchronous same transfer same mode or atm same on-demand same digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:04 |
| S74 | 8863 | asynchronous same transfer same mode or atm same digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:04 |
| S75 | 8858 | asynchronous same transfer same mode or atm adj network same digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:05 |
| S76 | 0 | atm adj network same digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:06 |

| | | | | | | |
|-----|-------|--|--------------------|----|-----|------------------|
| S77 | 0 | asynchronous same transfer same mode same atm adj network same digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:07 |
| S78 | 0 | asynchronous same transfer same mode same atm same digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:08 |
| S79 | 0 | (asynchronous same transfer same mode or atm) same digital adj document same (on-demand or on demand) | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:12 |
| S80 | 5 | (asynchronous same transfer same mode or atm) same digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/21 15:47 |
| S81 | 0 | (asynchronous same transfer same mode or atm) same digital adj document same delivery adj system | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:14 |
| S82 | 1 | (asynchronous same transfer same mode or atm) same cache\$4 same system and digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:17 |
| S83 | 1 | "4635078".PN. | USPAT | OR | OFF | 2003/02/14 11:17 |
| S84 | 1 | "3946398".PN. | USPAT | OR | OFF | 2003/02/14 11:17 |
| S85 | 0 | (asynchronous same transfer same mode or atm) same video same cache\$4 same system and digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:19 |
| S86 | 0 | (asynchronous same transfer same mode or atm) same video same storage same cache\$4 same system and digital adj document | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:33 |
| S87 | 0 | (asynchronous same transfer same mode or atm) same video same storage same cache\$4 same system and digital adj document and delivery adj system | US-PGPUB; USPAT | OR | OFF | 2003/02/14 11:34 |
| S88 | 11703 | digital same content | USPAT | OR | OFF | 2003/03/28 17:02 |
| S89 | 475 | digital same content same display same device | USPAT | OR | OFF | 2003/03/28 17:03 |
| S90 | 550 | digital same content same display\$4 same device | USPAT | OR | OFF | 2003/03/28 17:03 |
| S91 | 196 | digital same content same display\$4 same device same memory | USPAT | OR | OFF | 2003/03/28 17:04 |
| S92 | 9 | client and server same digital same content same display\$4 same device same memory | USPAT | OR | OFF | 2003/03/28 17:06 |

| | | | | | | |
|----------|------|---|-------|----|-----|------------------|
| S93 | 0 | client and server same digital same content same display\$4 same device same memory same music | USPAT | OR | OFF | 2003/03/28 17:05 |
| S94 | 0 | client and server same digital same content same display\$4 same device same memory same music\$4 | USPAT | OR | OFF | 2003/03/28 17:05 |
| S95 | 2 | client and server same digital same content same display\$4 same device same memory same download\$4 | USPAT | OR | OFF | 2003/03/28 17:06 |
| S96 | 1530 | 710/22,52,53.ccls. | USPAT | OR | OFF | 2003/04/11 13:02 |
| S97 | 1801 | 710/22,52,53-56.ccls. | USPAT | OR | OFF | 2003/04/11 13:02 |
| S98 | 4 | 710/22,52,53-56.ccls. and transfer same size same buffer same region | USPAT | OR | OFF | 2003/04/11 13:12 |
| S99 | 0 | 710/22,52,53-56.ccls. and remote same memory same local same transfer same size same buffer same region | USPAT | OR | OFF | 2003/04/11 13:13 |
| S10 0 | 10 | 710/22,52,53-56.ccls. and remote same local same transfer same buffer | USPAT | OR | OFF | 2003/04/11 13:24 |
| S10 1 | 0 | 710/22,52,53-56.ccls. and remote same local same transfer same size same buffer same region | USPAT | OR | OFF | 2003/04/11 13:13 |
| S10 2 | 4 | 710/22,52,53-56.ccls. and remote same local same transfer same buffer same (DMA or direct memory same access) | USPAT | OR | OFF | 2003/04/11 13:54 |
| S10 3 | 1 | 710/22.ccls. and 710/22,52,53-56. ccls. and remote same local same transfer same buffer same (DMA or direct memory same access) | USPAT | OR | OFF | 2003/04/11 14:01 |
| S10 4 | 2 | 710/22.ccls. and 710/22,52,53-56. ccls. and remote same local same transfer same buffer same (RDMA or remote direct memory same access) | USPAT | OR | OFF | 2003/04/11 14:01 |
| S10 5 | 28 | 710/22,52,53-56.ccls. and remote same local same transfer | USPAT | OR | OFF | 2003/04/11 14:31 |
| S10 6 | 8 | 710/22.ccls. and 710/22,52,53-56. ccls. and remote same local same transfer | USPAT | OR | OFF | 2003/04/11 14:31 |
| S10 7 | 5 | 710/22.ccls. and 710/22,52,53-56. ccls. and remote same local same transfer same (memory or buffer) | USPAT | OR | OFF | 2003/04/11 14:39 |

| | | | | | | |
|----------|------|--|-------|----|-----|------------------|
| S10 8 | 9024 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer same (memory or buffer) naer2 size same computers | USPAT | OR | OFF | 2003/04/11 14:42 |
| S10 9 | 2 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer same (memory or buffer) same size same computers | USPAT | OR | OFF | 2003/04/11 14:40 |
| S11 0 | 0 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer same (memory or buffer) near2 size same computers | USPAT | OR | OFF | 2003/04/11 14:41 |
| S11 1 | 0 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer near2 size same (memory or buffer) same computers | USPAT | OR | OFF | 2003/04/11 14:43 |
| S11 2 | 0 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer near2 size same (memory or buffer) same remote same local | USPAT | OR | OFF | 2003/04/11 14:44 |
| S11 3 | 3 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer same determine\$3 same (memory or buffer) same remote same local | USPAT | OR | OFF | 2003/04/11 14:45 |
| S11 4 | 5 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer same data same (memory or buffer) same remote same local | USPAT | OR | OFF | 2003/04/11 15:17 |
| S11 5 | 1 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer same data same memory same size same remote same local | USPAT | OR | OFF | 2003/04/11 16:42 |
| S11 6 | 23 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer same data same memory same computers | USPAT | OR | OFF | 2003/04/11 16:44 |
| S11 7 | 223 | 710/22.ccls. and 710/22,52,53-56. ccls. and transfer same data same memory same computer | USPAT | OR | OFF | 2003/04/11 16:45 |
| S11 8 | 558 | 710/22.ccls. | USPAT | OR | OFF | 2003/04/11 16:46 |
| S11 9 | 1000 | 709/232-235.ccls. | USPAT | OR | OFF | 2003/04/11 16:46 |
| S12 0 | 0 | 710/22.ccls. and 709/232-235. ccls. same data same transfer same buffer same computer | USPAT | OR | OFF | 2003/04/11 16:47 |
| S12 1 | 2 | 710/22.ccls. and 709/232-235. ccls. and data same transfer same buffer same computer | USPAT | OR | OFF | 2003/04/11 16:49 |

| | | | | | | |
|----------|-------|---|-------|----|-----|------------------|
| S12 2 | 318 | (710/22.ccls. or 709/232-235.ccls.) and data same transfer same (buffer or memory) same computer | USPAT | OR | OFF | 2003/04/11 16:50 |
| S12 3 | 345 | (710/22.ccls. or 709/232-235.ccls.) and data same transfer same (buffer or memory) same computer | USPAT | OR | OFF | 2003/04/11 16:50 |
| S12 4 | 345 | ((710/22.ccls. or 709/232-235. ccls.) and (data same transfer same (buffer or memory) same computer)) | USPAT | OR | OFF | 2003/04/11 16:51 |
| S12 5 | 50931 | ((((710/22.ccls. or 709/232-235. ccls.) and (data same transfer same (buffer or memory) same computer)) or transfer same size) | USPAT | OR | OFF | 2003/04/11 16:51 |
| S12 6 | 46 | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers) | USPAT | OR | OFF | 2003/04/11 16:53 |
| S12 7 | 22 | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma) | USPAT | OR | OFF | 2003/04/11 16:57 |
| S12 8 | 3 | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab. | USPAT | OR | OFF | 2003/04/11 17:00 |
| S12 9 | 0 | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).clm. | USPAT | OR | OFF | 2003/04/11 17:00 |
| S13 0 | 70 | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer).clm. | USPAT | OR | OFF | 2003/04/11 17:00 |
| S13 1 | 2 | ((710/22.ccls. or 709/232-235. ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab.) and ((710/22.ccls. or 709/232-235. ccls.) and (data same transfer same (buffer or memory) same computer).clm.) | USPAT | OR | OFF | 2003/04/11 17:00 |
| S13 2 | 71 | ((710/22.ccls. or 709/232-235. ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab.) or ((710/22.ccls. or 709/232-235. ccls.) and (data same transfer same (buffer or memory) same computer).clm.) | USPAT | OR | OFF | 2003/04/11 17:01 |

| | | | | | | |
|----------|-------|---|-------|----|-----|------------------|
| S13 3 | 71 | (((((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab.) or ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer).clm.)) and (memory or buffer) same transfer) | USPAT | OR | OFF | 2003/04/11 17:01 |
| S13 4 | 29 | (((((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab.) or ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer).clm.)) and (memory or buffer) same transfer same size) | USPAT | OR | OFF | 2003/04/14 10:34 |
| S13 5 | 33898 | memory same region | USPAT | OR | OFF | 2003/04/14 10:35 |
| S13 6 | 21964 | memory same first and second same region | USPAT | OR | OFF | 2003/04/14 11:24 |
| S13 7 | 1172 | 709/232-235,212.ccls. | USPAT | OR | OFF | 2003/04/14 11:25 |
| S13 8 | 1948 | 710/52-57,22.ccls. | USPAT | OR | OFF | 2003/04/14 11:26 |
| S13 9 | 1474 | 709/232-235,212.ccls. or 710/52-57,22.ccls. and (memory same transfer same size) | USPAT | OR | OFF | 2003/04/14 11:27 |
| S14 0 | 1214 | 709/232-235,212.ccls. or 710/52-57,22.ccls. and (memory same transfer adj size) | USPAT | OR | OFF | 2003/04/14 11:27 |
| S14 1 | 1172 | 709/232-235,212.ccls. or 710/52-57,22.ccls. same (memory same transfer adj size same computer) | USPAT | OR | OFF | 2003/04/14 11:28 |
| S14 2 | 2996 | 709/232-235,212.ccls. or 710/52-57,22.ccls. or (memory same transfer adj size same computer) | USPAT | OR | OFF | 2003/04/14 11:28 |
| S14 3 | 1172 | 709/232-235,212.ccls. or 710/52-57,22.ccls. same (memory same transfer adj size same computers) | USPAT | OR | OFF | 2003/04/14 11:28 |
| S14 4 | 1172 | 709/232-235,212.ccls. or 710/52-57,22.ccls. same (memory same transfer\$3 adj size same computers) | USPAT | OR | OFF | 2003/04/14 11:28 |

| | | | | | | |
|----------|------|---|-------|----|-----|------------------|
| S14 5 | 1172 | 709/232-235,212.ccls. or 710/52-57,22.ccls. and (memory same transfer\$3 adj size same computers) | USPAT | OR | OFF | 2003/04/14 12:29 |
| S14 6 | 191 | 709/212.ccls. | USPAT | OR | OFF | 2003/04/14 12:30 |
| S14 7 | 836 | 710/22,57.ccls. | USPAT | OR | OFF | 2003/04/14 12:30 |
| S14 8 | 1827 | ((memory same first and second same region) or 709/232-235,212. ccls.)and (transfer\$3 same size) | USPAT | OR | OFF | 2003/04/14 12:31 |
| S14 9 | 5 | ((memory same first and second same region) or 709/232-235,212. ccls.)and (DAM same transfer\$3 same size) | USPAT | OR | OFF | 2003/04/14 12:31 |
| S15 0 | 140 | ((memory same first and second same region) or 709/232-235,212. ccls.)and (DMA same transfer\$3 same size) | USPAT | OR | OFF | 2003/04/14 12:32 |
| S15 1 | 34 | ((memory same first and second same region) or 709/232-235,212. ccls.)and (DMA same transfer\$3 same packet same size) | USPAT | OR | OFF | 2003/04/14 12:33 |
| S15 2 | 8 | ((memory same first and second same region) or 709/232-235,212. ccls.)and (FIFO same DMA same transfer\$3 same packet same size) | USPAT | OR | OFF | 2003/04/14 12:39 |
| S15 3 | 20 | ((memory same first and second same region) or 709/232-235,212. ccls.)and (buffer same DMA same transfer\$3 same packet same size) | USPAT | OR | OFF | 2003/04/14 12:39 |
| S15 4 | 18 | ((memory same first and second same region) or 709/232-235,212. ccls.)and (buffer same DMA same transfer\$3 same data same packet same size) | USPAT | OR | OFF | 2003/04/14 13:29 |
| S15 5 | 3 | ((memory same first and second same region) or 709/232-235,212. ccls.)and (buffer same DMA same transfer\$3 same data same packet same size same computer) | USPAT | OR | OFF | 2003/04/14 13:32 |
| S15 6 | 0 | ((memory same first and second same region) or 709/232-235,212. ccls.)and (buffer same DMA same transfer\$3 same data same packet same size same computers) | USPAT | OR | OFF | 2003/04/24 08:15 |

| | | | | | | |
|----------|------|---|---|----|-----|------------------|
| S15 7 | 15 | ((memory same first and second same region) or 709/232-235,212.ccls.)and (buffer same DMA same transfer\$3 same size same computer) | USPAT | OR | OFF | 2003/04/14 13:35 |
| S15 8 | 9 | ((memory same first and second same region) or 709/232-235,212.ccls.)and (buffer same DMA same transfer\$3 same packet same size same computer) | USPAT | OR | OFF | 2003/04/14 14:03 |
| S15 9 | 9 | ((memory same first and second same region) or 709/232-235,212.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computer) | USPAT | OR | OFF | 2003/04/14 14:04 |
| S16 0 | 1476 | 710/52-57.ccls. | USPAT | OR | OFF | 2003/04/14 14:04 |
| S16 1 | 10 | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computer) | USPAT | OR | OFF | 2003/04/14 14:05 |
| S16 2 | 1000 | 709/232-235.ccls. | USPAT | OR | OFF | 2003/04/14 14:05 |
| S16 3 | 10 | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computer) | USPAT | OR | OFF | 2003/04/14 14:06 |
| S16 4 | 10 | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:06 |
| S16 5 | 0 | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:06 |
| S16 6 | 10 | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:07 |

| | | | | | | |
|----------|-------|---|---|----|-----|------------------|
| S16 7 | 24438 | 710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls. and buffer same DMA same transfer\$3 same packet same size same computer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:07 |
| S16 8 | 10 | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and buffer same DMA same transfer\$3 same packet same size same computer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:07 |
| S16 9 | 0 | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and buffer same DMA same transfer\$3 adj size same packet same computer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:08 |
| S17 0 | 0 | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and buffer same DMA same (transfer\$3 adj size) same packet same computer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:08 |
| S17 1 | 0 | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same (transfer\$3 adj size) same packet same computer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:08 |
| S17 2 | 23400 | (710/52-57.ccls. or (memory same first and second same region)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:08 |
| S17 3 | 91 | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:09 |
| S17 4 | 56 | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size same memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:10 |
| S17 5 | 0 | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size same memory same buffer.ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:10 |

| | | | | | | |
|----------|------|--|---|----|-----|------------------|
| S17 6 | 0 | (710/52-57.ccls. or (memory same first and second same region)) and (transfer\$3 adj size same memory same buffer.ab.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:11 |
| S17 7 | 35 | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size same memory same buffer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:22 |
| S17 8 | 3 | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size same memory same buffer same computer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/14 14:12 |
| S17 9 | 7 | (710/52-57.ccls. or (memory same first and second same region)) and (transfer\$3 adj size same DMA same memory same buffer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/15 10:48 |
| S18 0 | 1 | ("5761507").PN. | USPAT; USOCR | OR | OFF | 2003/04/15 10:49 |
| S18 1 | 559 | 710/22.ccls. | USPAT | OR | OFF | 2003/04/15 10:53 |
| S18 2 | 983 | 710/22,53,57.ccls. | USPAT | OR | OFF | 2003/04/15 10:54 |
| S18 3 | 2 | 710/22,53,57.ccls. and memory same transfer\$3 same size same computers | USPAT | OR | OFF | 2003/04/15 10:59 |
| S18 4 | 0 | 710/22,53,57.ccls. and memory same transfer\$3 same sizes same computers | USPAT | OR | OFF | 2003/04/15 10:59 |
| S18 5 | 0 | 709/232-235,212.ccls. and memory same transfer\$3 same size same computers same dma | USPAT | OR | OFF | 2003/04/15 11:00 |
| S18 6 | 1178 | 709/232-235,212.ccls. | USPAT | OR | OFF | 2003/04/15 10:59 |
| S18 7 | 1183 | 709/232-235,212.ccls. or memory same transfer\$3 same size same computers same dma | USPAT | OR | OFF | 2003/04/15 11:01 |
| S18 8 | 6 | 709/232-235,212.ccls. and memory same transfer\$3 same size same computers | USPAT | OR | OFF | 2003/04/15 11:07 |
| S18 9 | 1953 | 710/52-57,22.ccls. | USPAT | OR | OFF | 2003/04/15 11:07 |
| S19 0 | 2 | 710/52-57,22.ccls. and memory same transfer\$3 same size same computers | USPAT | OR | OFF | 2003/04/15 11:08 |

| | | | | | | |
|----------|------|--|-----------------|----|-----|------------------|
| S19 1 | 1178 | 709/232-235,212.ccls. | USPAT | OR | OFF | 2003/04/15 11:08 |
| S19 2 | 6 | 709/232-235,212.ccls. and memory same transfer\$3 same size same computers | USPAT | OR | OFF | 2003/04/15 11:09 |
| S19 3 | 6 | 709/232-235,212.ccls. and (memory or buffer) same transfer\$3 same size same computers | USPAT | OR | OFF | 2003/04/15 11:09 |
| S19 4 | 46 | 709/232-235,212.ccls. and (memory or buffer size) same transfer\$3 same computers | USPAT | OR | OFF | 2003/04/15 11:09 |
| S19 5 | 46 | 709/232-235,212.ccls. and (memory size or buffer size) same transfer\$3 same computers | USPAT | OR | OFF | 2003/04/15 11:26 |
| S19 6 | 4 | 709/232-235,212.ccls. and (memory size or buffer size) same transfer\$3 same computers.ab. | USPAT | OR | OFF | 2003/04/15 11:20 |
| S19 7 | 1 | ("6118936").PN. | USPAT; USOCR | OR | OFF | 2003/04/15 11:21 |
| S19 8 | 1 | ("6473609").PN. | USPAT; USOCR | OR | OFF | 2003/04/15 11:21 |
| S19 9 | 3 | server same queue same worker. ab. | USPAT | OR | OFF | 2003/04/15 11:26 |
| S20 0 | 25 | server same queue same worker | USPAT | OR | OFF | 2003/04/15 14:02 |
| S20 1 | 19 | server same queue same worker same threads | USPAT | OR | OFF | 2003/04/15 14:04 |
| S20 2 | 0 | server same queue same worker same threads same upper same limit | USPAT | OR | OFF | 2003/04/15 14:05 |
| S20 3 | 0 | server same queue same worker same threads same upper | USPAT | OR | OFF | 2003/04/15 14:05 |
| S20 4 | 0 | server same queue same worker same threads same threshold | USPAT | OR | OFF | 2003/04/15 14:07 |
| S20 5 | 1 | server same queue same threads same threshold | USPAT | OR | OFF | 2003/04/15 14:42 |
| S20 6 | 1 | ("5761507").PN. | USPAT; USOCR | OR | OFF | 2003/04/15 14:42 |
| S20 7 | 0 | 709/238.ccls. and 709/244.ccls. near3 (automatic or dynamic) same configure | USPAT | OR | OFF | 2003/05/29 13:41 |
| S20 8 | 0 | 709/238.ccls. with 709/244.ccls. and (automatic or dynamic) same configure | USPAT | OR | OFF | 2003/05/29 13:41 |
| S20 9 | 0 | 709/238.ccls. with 709/244.ccls. and configure\$3 | USPAT | OR | OFF | 2003/05/29 13:41 |

| | | | | | | |
|----------|-----|--|-------|----|-----|------------------|
| S21 0 | 0 | 709/238.ccls. with 709/244.ccls. and (automatic or dynamic) near3 configure\$3 | USPAT | OR | OFF | 2003/05/29 13:40 |
| S21 1 | 0 | 709/238.ccls. with 709/244.ccls. and (automatic or dynamic) same configure\$3 | USPAT | OR | OFF | 2003/05/29 13:40 |
| S21 2 | 0 | (709/238.ccls. and 709/244.ccls.) and (automatic or dynamic) same configure\$3 | USPAT | OR | OFF | 2003/05/29 13:57 |
| S21 3 | 0 | (709/238.ccls. and 709/244.ccls.) and (automatic or dynamic) same configuration | USPAT | OR | OFF | 2003/05/29 13:57 |
| S21 4 | 0 | (automatic or dynamic) adj configure\$3 same database | USPAT | OR | OFF | 2003/05/29 14:00 |
| S21 5 | 0 | (automatic or dynamic) adj configure\$3 same paths | USPAT | OR | OFF | 2003/05/29 14:01 |
| S21 6 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same reboot\$3 same load\$3 | USPAT | OR | OFF | 2003/05/29 15:16 |
| S21 7 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same cross-connection same card | USPAT | OR | OFF | 2003/05/29 15:17 |
| S21 8 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same (cross-connection) same card | USPAT | OR | OFF | 2003/05/29 15:17 |
| S21 9 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same database same reboot\$3 | USPAT | OR | OFF | 2003/05/29 15:06 |
| S22 0 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same reboot\$3 same (LID or logical identify) | USPAT | OR | OFF | 2003/05/29 15:05 |
| S22 1 | 750 | 709/238.ccls. | USPAT | OR | OFF | 2003/05/29 13:39 |
| S22 2 | 84 | 709/244.ccls. | USPAT | OR | OFF | 2003/05/29 13:39 |
| S22 3 | 0 | 709/238.ccls. with 709/244.ccls. and ((automatic or dynamic) adj configure\$3) | USPAT | OR | OFF | 2003/05/29 13:40 |
| S22 4 | 0 | 709/238.ccls. with 709/244.ccls. near3 (automatic or dynamic) same configure\$3 | USPAT | OR | OFF | 2003/05/29 13:40 |
| S22 5 | 19 | 709/238.ccls. and 709/244.ccls. | USPAT | OR | OFF | 2003/05/29 13:56 |
| S22 6 | 0 | 709/238.ccls. and 709/244.ccls. same (automatic or dynamic) same configure | USPAT | OR | OFF | 2003/05/29 13:42 |

| | | | | | | |
|----------|------|--|-------|----|-----|------------------|
| S22 7 | 1 | (709/238.ccls. and 709/244.ccls.) and (automatic or dynamic) same configure\$3 | USPAT | OR | OFF | 2003/05/29 13:59 |
| S22 8 | 0 | (709/238.ccls. and 709/244.ccls.) and (automatic or dynamic) adj configure\$3 | USPAT | OR | OFF | 2003/05/29 13:59 |
| S22 9 | 7 | (automatic or dynamic) adj configure\$3 | USPAT | OR | OFF | 2003/05/29 13:59 |
| S23 0 | 7 | (automatic or dynamic) adj configure\$3 | USPAT | OR | OFF | 2003/05/29 14:05 |
| S23 1 | 3 | (automatic or dynamic) adj configure\$3 and database | USPAT | OR | OFF | 2003/05/29 14:06 |
| S23 2 | 1 | (automatic or dynamic) adj configure\$3 and paths | USPAT | OR | OFF | 2003/05/29 14:06 |
| S23 3 | 0 | (automatic or dynamic) adj configure\$3 and paths same database | USPAT | OR | OFF | 2003/05/29 14:06 |
| S23 4 | 1 | (automatic or dynamic) adj configure\$3 and paths and database | USPAT | OR | OFF | 2003/05/29 14:07 |
| S23 5 | 0 | (automatic or dynamic) adj configure\$3 and paths and database and card | USPAT | OR | OFF | 2003/05/29 14:07 |
| S23 6 | 1 | (automatic or dynamic) adj configure\$3 and paths and database | USPAT | OR | OFF | 2003/05/29 15:03 |
| S23 7 | 1141 | 710/8-10.ccls. | USPAT | OR | OFF | 2003/05/29 15:03 |
| S23 8 | 0 | 710/8-10.ccls. with (automatic or dynamic) same configure\$3 | USPAT | OR | OFF | 2003/05/29 15:04 |
| S23 9 | 102 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 | USPAT | OR | OFF | 2003/05/29 15:04 |
| S24 0 | 7 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same reboot\$3 | USPAT | OR | OFF | 2003/05/29 15:16 |
| S24 1 | 3 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same database | USPAT | OR | OFF | 2003/05/29 15:19 |
| S24 2 | 5 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same paths | USPAT | OR | OFF | 2003/05/29 15:07 |
| S24 3 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same forward\$3 adj card | USPAT | OR | OFF | 2003/05/29 15:20 |
| S24 4 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same card same paths | USPAT | OR | OFF | 2003/05/29 15:20 |

| | | | | | | |
|----------|-----|--|---|----|-----|------------------|
| S24 5 | 5 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same paths | USPAT | OR | OFF | 2003/05/29 15:20 |
| S24 6 | 9 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same card | USPAT | OR | OFF | 2003/05/29 15:24 |
| S24 7 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same forward\$3 same card | USPAT | OR | OFF | 2003/05/29 15:26 |
| S24 8 | 9 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same card | USPAT | OR | OFF | 2003/05/29 15:32 |
| S24 9 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same line adj card | USPAT | OR | OFF | 2003/05/29 15:33 |
| S25 0 | 3 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same fields | USPAT | OR | OFF | 2003/05/29 15:39 |
| S25 1 | 3 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same data same fields | USPAT | OR | OFF | 2003/05/29 15:40 |
| S25 2 | 15 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same (LID or logical identify) | USPAT | OR | OFF | 2003/05/29 15:40 |
| S25 3 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same (LID or logical identify) same database | USPAT | OR | OFF | 2003/05/29 15:40 |
| S25 4 | 0 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same (LID or logical identify) same reboot | USPAT | OR | OFF | 2003/05/29 15:41 |
| S25 5 | 5 | 710/8-10.ccls. and (automatic or dynamic) same configure\$3 same (LID or logical identify) same card | USPAT | OR | OFF | 2003/05/29 15:45 |
| S25 6 | 568 | 709/228.ccls. | USPAT | OR | OFF | 2003/05/29 15:45 |
| S25 7 | 23 | 710/8-10.ccls. and 709/228.ccls. | USPAT | OR | OFF | 2003/05/29 15:45 |
| S25 8 | 2 | (710/8-10.ccls. and 709/228.ccls.) and (automatic or dynamic) same configure\$3 | USPAT | OR | OFF | 2003/05/29 15:46 |
| S25 9 | 2 | (710/8-10.ccls. and 709/228.ccls.) and (automatic or dynamic) same configure\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/05/29 16:00 |

| | | | | | | |
|----------|------|---|---|----|-----|------------------|
| S26 0 | 0 | (710/8-10.ccls. and 709/228.ccls.) and (automatic or dynamic) same load\$3 same balance\$3 same architecture same configure\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/05/29 16:08 |
| S26 1 | 0 | (710/8-10.ccls. and 709/228.ccls.) and load\$3 same balance\$3 same architecture same configure\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/05/29 16:09 |
| S26 2 | 0 | (710/8-10.ccls. and 709/228.ccls.) and load\$3 same balance\$3 same architecture | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/05/29 16:09 |
| S26 3 | 2943 | primary same server | USPAT | OR | OFF | 2003/06/20 11:09 |
| S26 4 | 714 | primary same server same servers | USPAT | OR | OFF | 2003/06/20 11:09 |
| S26 5 | 42 | primary same server same servers near3 database | USPAT | OR | OFF | 2003/06/20 11:10 |
| S26 6 | 8 | primary same server same secondary near3 servers near3 database | USPAT | OR | OFF | 2003/06/20 11:10 |
| S26 7 | 0 | primary same server same. secondary near3 servers near3 database same proxy | USPAT | OR | OFF | 2003/06/20 11:10 |
| S26 8 | 0 | primary same server same secondary near3 servers near3 database and proxy | USPAT | OR | OFF | 2003/06/20 11:11 |
| S26 9 | 8 | primary same server same secondary near3 servers near3 database | USPAT | OR | OFF | 2003/06/20 11:11 |
| S27 0 | 209 | 709/207.ccls. | USPAT | OR | OFF | 2003/06/20 11:12 |
| S27 1 | 0 | 709/207.ccls. and primary same server same secondary near3 servers near3 database | USPAT | OR | OFF | 2003/06/20 11:12 |
| S27 2 | 0 | 709/207.ccls. and primary adj server same secondary near3 servers near3 database | USPAT | OR | OFF | 2003/06/20 11:12 |
| S27 3 | 0 | 709/207.ccls. and primary adj server same servers near3 database | USPAT | OR | OFF | 2003/06/20 11:12 |
| S27 4 | 33 | 709/217.ccls. and 709/205.ccls. | USPAT | OR | OFF | 2003/09/15 15:52 |
| S27 5 | 307 | 709/205.ccls. | USPAT | OR | OFF | 2003/09/15 15:49 |

| | | | | | | |
|----------|------|---|-----------------|----|-----|------------------|
| S27 6 | 1406 | 709/217.ccls. | USPAT | OR | OFF | 2003/09/15 15:49 |
| S27 7 | 0 | ("9595660").PN. | USPAT; USOCR | OR | OFF | 2003/09/03 15:00 |
| S27 8 | 0 | ("9595660").PN. | USPAT; USOCR | OR | OFF | 2003/09/03 15:01 |
| S27 9 | 0 | ((709/203.ccls. and collaborat\$4. ti.) and collaborat\$4.ab.) and ((e-class) or (e-classroom)) | USPAT | OR | ON | 2003/09/17 17:22 |
| S28 0 | 0 | ((709/203.ccls. and collaborat\$4. ti.) and collaborat\$4.ab.) and (e-classroom) | USPAT | OR | ON | 2003/09/17 17:23 |
| S28 1 | 1 | ("5973683").PN. | USPAT; USOCR | OR | OFF | 2003/09/17 17:38 |
| S28 2 | 1 | ("5941951").PN. | USPAT; USOCR | OR | OFF | 2003/09/17 17:39 |
| S28 3 | 1 | ("5920701").PN. | USPAT; USOCR | OR | OFF | 2003/09/17 17:40 |
| S28 4 | 1 | ("5684800").PN. | USPAT; USOCR | OR | OFF | 2003/09/17 17:40 |
| S28 5 | 4027 | clients same servers | USPAT | OR | OFF | 2003/08/29 16:02 |
| S28 6 | 48 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) | USPAT | OR | ON | 2003/08/29 16:04 |
| S28 7 | 21 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) same network | USPAT | OR | ON | 2003/08/29 16:04 |
| S28 8 | 0 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) same network same prescrib\$4 | USPAT | OR | ON | 2003/08/29 16:05 |
| S28 9 | 8 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) same network same display\$4 | USPAT | OR | ON | 2003/09/03 10:17 |
| S29 0 | 1 | ("5727202").PN. | USPAT; USOCR | OR | OFF | 2003/09/03 14:45 |
| S29 1 | 1 | "5592669".PN. | USPAT | OR | OFF | 2003/09/03 10:21 |
| S29 2 | 2465 | visual adj feedback | USPAT | OR | OFF | 2003/09/03 14:45 |

| | | | | | | |
|----------|--------|--|-----------------|----|-----|------------------|
| S29 3 | 0 | bluetooth same visual adj feedback | USPAT | OR | ON | 2003/09/03 14:45 |
| S29 4 | 606 | bluetooth | USPAT | OR | ON | 2003/09/03 14:46 |
| S29 5 | 7065 | bluetooth or short adj range | USPAT | OR | ON | 2003/09/03 14:47 |
| S29 6 | 151 | bluetooth same (short adj range) | USPAT | OR | ON | 2003/09/03 14:47 |
| S29 7 | 23 | bluetooth adj protocol same (short adj range) | USPAT | OR | ON | 2003/09/03 14:48 |
| S29 8 | 302920 | bluetooth adj protocol same (short adj range) same display or screen | USPAT | OR | ON | 2003/09/03 14:48 |
| S29 9 | 1 | bluetooth adj protocol same (short adj range) same (display adj screen) | USPAT | OR | ON | 2003/09/03 14:49 |
| S30 0 | 1 | network same bluetooth same (short adj range) same (display adj screen) | USPAT | OR | ON | 2003/09/03 14:50 |
| S30 1 | 0 | computers same bluetooth same (short adj range) same (display adj screen) | USPAT | OR | ON | 2003/09/03 14:51 |
| S30 2 | 44 | computers same bluetooth same (short adj range) | USPAT | OR | ON | 2003/09/03 16:40 |
| S30 3 | 0 | computers same bluetooth same (short adj range) same feedback | USPAT | OR | ON | 2003/09/03 14:51 |
| S30 4 | 5 | computers same (bluetooth adj protocol) same (short adj range) | USPAT | OR | ON | 2003/09/03 14:53 |
| S30 5 | 1 | (bluetooth adj protocol) and (visual adj feedback) | USPAT | OR | ON | 2003/09/03 14:54 |
| S30 6 | 9 | bluetooth and (visual adj feedback) | USPAT | OR | ON | 2003/09/03 16:39 |
| S30 7 | 1 | ("0595660").PN. | USPAT; USOCR | OR | OFF | 2003/09/03 15:00 |
| S30 8 | 1 | ("6505160").PN. | USPAT; USOCR | OR | OFF | 2003/09/03 16:32 |
| S30 9 | 0 | bluetooth and (visual adj feedback) same microphone | USPAT | OR | ON | 2003/09/03 16:40 |
| S31 0 | 4 | computers same bluetooth same (short adj range) same microphone | USPAT | OR | ON | 2003/09/15 15:47 |
| S31 1 | 0 | clients same network same register\$4 same ((transfer\$4 or transmit\$4) adj information) same display\$4 | USPAT | OR | ON | 2003/09/16 09:55 |
| S31 2 | 12 | clients same network same register\$4 same ((transfer\$4 or transmit\$4) adj information) | USPAT | OR | ON | 2003/09/16 10:10 |

| | | | | | | |
|----------|------|--|-------|----|-----|------------------|
| S31 3 | 2 | clients same network same (register\$4 adj information)same ((transfer\$4 or transmit\$4) adj information) | USPAT | OR | ON | 2003/09/16 14:20 |
| S31 4 | 2 | clients same network same (register\$4 adj information)same ((transfer\$4 or transmit\$4) adj information) | USPAT | OR | ON | 2003/09/16 14:20 |
| S31 5 | 2 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) | USPAT | OR | OFF | 2003/09/17 11:21 |
| S31 6 | 0 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) and receiver | USPAT | OR | OFF | 2003/09/17 11:22 |
| S31 7 | 8 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) and receiver | USPAT | OR | ON | 2003/09/17 11:35 |
| S31 8 | 0 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) and receiver.ab. | USPAT | OR | ON | 2003/09/17 11:30 |
| S31 9 | 0 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) and receiver.ti. | USPAT | OR | ON | 2003/09/17 11:30 |
| S32 0 | 1 | clients same servers same register\$4 same ((information or message) adj (transmit\$4 or transfer\$4 or exchange\$4)) same receiver | USPAT | OR | ON | 2003/09/17 17:06 |
| S32 1 | 1824 | 709/203.ccls. | USPAT | OR | ON | 2003/09/17 17:12 |
| S32 2 | 48 | 709/203.ccls. and collaborate\$4 | USPAT | OR | ON | 2003/09/17 17:14 |
| S32 3 | 1 | 709/203.ccls. and collaborate\$4.ab. | USPAT | OR | ON | 2003/09/17 17:15 |
| S32 4 | 0 | 709/203.ccls. and collaborate\$4.ti. | USPAT | OR | ON | 2003/09/17 17:15 |
| S32 5 | 0 | collaborate\$4.ti. | USPAT | OR | ON | 2003/10/16 15:10 |
| S32 6 | 194 | collaborat\$4.ti. | USPAT | OR | ON | 2003/09/17 17:17 |

| | | | | | | |
|----------|------|---|-------|----|----|------------------|
| S32 7 | 17 | 709/203.ccls. and collaborat\$4.ti. | USPAT | OR | ON | 2003/09/17 17:17 |
| S32 8 | 343 | collaborat\$4.ab. | USPAT | OR | ON | 2003/09/17 17:17 |
| S32 9 | 551 | 7and collaborat\$4.ab. | USPAT | OR | ON | 2003/09/17 17:17 |
| S33 0 | 16 | (709/203.ccls. and collaborat\$4.ti.) and collaborat\$4.ab. | USPAT | OR | ON | 2003/09/17 17:30 |
| S33 1 | 3 | ((709/203.ccls. and collaborat\$4. ti.) and collaborat\$4.ab.) and files same transfer\$4 same access\$4 | USPAT | OR | ON | 2003/09/17 17:38 |
| S33 2 | 1427 | collaborate\$4 | USPAT | OR | ON | 2003/10/16 15:10 |
| S33 3 | 7 | (automatic or dynamic) near data with delivery with system | USPAT | OR | ON | 2003/12/29 10:39 |
| S33 4 | 4 | ((automatic or dynamic) near data with delivery with system) and database | USPAT | OR | ON | 2003/12/29 10:45 |
| S33 5 | 0 | (automatic or dynamic) near data near delivery with system | USPAT | OR | ON | 2003/12/29 10:39 |
| S33 6 | 1 | (automatic or dynamic) near data near2 delivery with system | USPAT | OR | ON | 2003/12/29 10:40 |
| S33 7 | 0 | (automatic or dynamic) near data near2 delivery near system | USPAT | OR | ON | 2003/12/29 10:40 |
| S33 8 | 1 | (automatic or dynamic) near data near2 delivery near2 system | USPAT | OR | ON | 2003/12/29 10:44 |
| S33 9 | 1 | ((automatic or dynamic) near data with delivery with system) and database and (user adj id) | USPAT | OR | ON | 2003/12/29 10:48 |
| S34 0 | 1287 | databases same (user adj information) | USPAT | OR | ON | 2003/12/29 10:48 |
| S34 1 | 17 | databases with delivery same automatic same (user adj information) same select\$4 | USPAT | OR | ON | 2003/12/29 10:49 |
| S34 2 | 17 | (databases with delivery same automatic same (user adj information) same select\$4) and predetermin\$3 | USPAT | OR | ON | 2003/12/29 10:50 |
| S34 3 | 0 | (databases with delivery same automatic same (user adj information) same select\$4) and data adj identify\$4 | USPAT | OR | ON | 2003/12/29 10:50 |
| S34 4 | 0 | (databases with delivery same automatic same (user adj information) same select\$4) and (data adj identify) | USPAT | OR | ON | 2003/12/29 10:51 |

| | | | | | | |
|----------|----|---|-----------------|----|-----|------------------|
| S34 5 | 17 | (databases with delivery same automatic same (user adj information) same select\$4) and identify | USPAT | OR | ON | 2003/12/29 10:51 |
| S34 6 | 0 | (databases with delivery same automatic same (user adj information) same select\$4) and (predetermin\$3 adj data) | USPAT | OR | ON | 2003/12/29 10:51 |
| S34 7 | 0 | (databases with delivery same automatic same (user adj information) same select\$4) and (predetermine adj data) | USPAT | OR | ON | 2003/12/29 10:52 |
| S34 8 | 17 | (databases with delivery same automatic same (user adj information) same select\$4) and predetermin\$3 | USPAT | OR | ON | 2003/12/29 10:52 |
| S34 9 | 17 | (databases with delivery same automatic same (user adj information) same select\$4) and select\$4 | USPAT | OR | ON | 2003/12/29 10:53 |
| S35 0 | 0 | (databases with delivery same automatic same (user adj information) same select\$4) and provide\$4 adj menu | USPAT | OR | ON | 2003/12/29 10:53 |
| S35 1 | 17 | (databases with delivery same automatic same (user adj information) same select\$4) and menu | USPAT | OR | ON | 2003/12/29 10:53 |
| S35 2 | 17 | (databases with delivery same automatic same (user adj information) same select\$4) and menu | USPAT | OR | ON | 2003/12/29 10:53 |
| S35 3 | 4 | (databases with delivery same automatic same (user adj information) same select\$4) and two adj databases | USPAT | OR | ON | 2003/12/29 10:54 |
| S35 4 | 0 | (databases with delivery same automatic same (user adj information) same select\$4) and two adj databases same (select\$3 adj list) | USPAT | OR | ON | 2003/12/29 10:54 |
| S35 5 | 4 | (databases with delivery same automatic same (user adj information) same select\$4) and two adj databases same select\$3 | USPAT | OR | ON | 2003/12/29 10:57 |
| S35 6 | 1 | ("4996684").PN. | USPAT; USOCR | OR | OFF | 2003/12/29 10:57 |
| S35 7 | 0 | (switch\$4 adj protocols same transmit\$4 adj data) and speed adj increas\$4 | USPAT | OR | ON | 2003/12/30 15:36 |

| | | | | | | |
|----------|------|--|-----------------|----|-----|------------------|
| S35 8 | 0 | (switch\$4 adj protocols same transmit\$4 adj data) and speed adj increas\$3 | USPAT | OR | ON | 2003/12/30 15:36 |
| S35 9 | 0 | ((increas\$4 adj transfer\$4 adj rate) and vend\$4 and machine) and speed adj increas\$4 and protocol | USPAT | OR | ON | 2003/12/30 15:28 |
| S36 0 | 0 | ((switch\$4 adj protocol) and normal adj protocol) and special adj protocol | USPAT | OR | ON | 2003/12/30 15:31 |
| S36 1 | 0 | (switch\$4 adj protocol) and normal same special adj protocoll | USPAT | OR | ON | 2003/12/30 15:32 |
| S36 2 | 0 | (switch\$4 adj protocol) and (normal adj protocol) same (special adj protocol) | USPAT | OR | ON | 2003/12/30 15:32 |
| S36 3 | 0 | (switch\$4 adj protocol) and (normal adj protocol)and (special adj protocol) | USPAT | OR | ON | 2003/12/30 15:32 |
| S36 4 | 1560 | edit\$4 adj program | USPAT | OR | ON | 2003/12/30 10:46 |
| S36 5 | 0 | ((edit\$4 adj program) and rewrit\$4 adj program) and vending adj machine | USPAT | OR | ON | 2003/12/30 10:47 |
| S36 6 | 5 | (edit\$4 adj program) and rewrit\$4 adj program | USPAT | OR | ON | 2003/12/30 10:53 |
| S36 7 | 1 | ("6233255").PN. | USPAT; USOCR | OR | OFF | 2003/12/30 10:48 |
| S36 8 | 389 | rewrit\$4 adj program | USPAT | OR | ON | 2003/12/30 15:18 |
| S36 9 | 2 | (rewrit\$4 adj program) and (vending adj machine) | USPAT | OR | ON | 2003/12/30 10:53 |
| S37 0 | 0 | (rewrit\$4 adj program and machine) and vendinh | USPAT | OR | ON | 2003/12/30 10:59 |
| S37 1 | 1 | ("6401010").PN. | USPAT; USOCR | OR | OFF | 2003/12/30 15:15 |
| S37 2 | 2 | (rewrit\$4 adj program and machine) and vending | USPAT | OR | ON | 2003/12/30 15:15 |
| S37 3 | 151 | rewrit\$4 adj program and machine | USPAT | OR | ON | 2003/12/30 15:17 |
| S37 4 | 389 | rewrit\$4 adj program | USPAT | OR | ON | 2003/12/30 15:19 |
| S37 5 | 0 | (rewrit\$4 adj program) and (automatic adj machine) | USPAT | OR | ON | 2003/12/30 15:19 |
| S37 6 | 101 | (rewrit\$4 adj program) and (automatic) | USPAT | OR | ON | 2003/12/30 15:19 |

| | | | | | | |
|----------|-----|---|-------|----|----|------------------|
| S37 7 | 0 | (rewrit\$4 adj program) and automatic same (increas\$4 adj data adj transfer\$4) | USPAT | OR | ON | 2003/12/30 15:20 |
| S37 8 | 0 | (rewrit\$4 adj program) and automatic same (transfer\$4 adj rate) | USPAT | OR | ON | 2003/12/30 15:20 |
| S37 9 | 0 | (rewrit\$4 adj program) and automatic same (increas\$4 adj rate) | USPAT | OR | ON | 2003/12/30 15:21 |
| S38 0 | 3 | (rewrit\$4 adj program) and automatic same (increas\$4) | USPAT | OR | ON | 2003/12/30 15:22 |
| S38 1 | 0 | (rewrit\$4 adj program) and automatic and (increas\$4 adj transfer\$4) | USPAT | OR | ON | 2003/12/30 15:22 |
| S38 2 | 0 | (rewrit\$4 adj program) and automatic and (increas\$4 adj rate) | USPAT | OR | ON | 2003/12/30 15:22 |
| S38 3 | 1 | (rewrit\$4 adj program) and automatic and (transfer\$4 adj rate) | USPAT | OR | ON | 2003/12/30 15:23 |
| S38 4 | 349 | increas\$4 adj transfer\$4 adj rate | USPAT | OR | ON | 2003/12/30 15:24 |
| S38 5 | 1 | (increas\$4 adj transfer\$4 adj rate) and automatic same vend\$4 | USPAT | OR | ON | 2003/12/30 15:25 |
| S38 6 | 0 | (increas\$4 adj transfer\$4 adj rate) and vend\$4 same machine | USPAT | OR | ON | 2003/12/30 15:25 |
| S38 7 | 12 | (increas\$4 adj transfer\$4 adj rate) and vend\$4 | USPAT | OR | ON | 2003/12/30 15:28 |
| S38 8 | 9 | (increas\$4 adj transfer\$4 adj rate) and vend\$4 and machine | USPAT | OR | ON | 2003/12/30 15:26 |
| S38 9 | 0 | (increas\$4 adj transfer\$4 adj rate) and vend\$4 with machine | USPAT | OR | ON | 2003/12/30 15:26 |
| S39 0 | 8 | ((increas\$4 adj transfer\$4 adj rate) and vend\$4 and machine) and speed adj increas\$4 | USPAT | OR | ON | 2003/12/30 15:52 |
| S39 1 | 2 | (increas\$4 adj transfer\$4 adj rate) and vend\$4 same protocol | USPAT | OR | ON | 2003/12/30 15:28 |
| S39 2 | 2 | (switch\$4 adj protocol) and normal adj protocol | USPAT | OR | ON | 2003/12/30 15:32 |
| S39 3 | 717 | switch\$4 adj protocol | USPAT | OR | ON | 2003/12/30 15:36 |
| S39 4 | 0 | (switch\$4 adj protocol) and (rewrite adj program) | USPAT | OR | ON | 2003/12/30 15:34 |
| S39 5 | 717 | switch\$4 adj protocols | USPAT | OR | ON | 2003/12/30 15:36 |
| S39 6 | 216 | switch\$4 adj protocols same transmit\$4 | USPAT | OR | ON | 2003/12/30 15:37 |

| | | | | | | |
|----------|-----|---|-----------------|----|-----|------------------|
| S39 7 | 28 | switch\$4 adj protocols same transmit\$4 adj data | USPAT | OR | ON | 2003/12/30 15:36 |
| S39 8 | 0 | switch\$4 adj protocols same(increas\$4 adj rate) | USPAT | OR | ON | 2003/12/30 15:37 |
| S39 9 | 0 | switch\$4 adj protocols same (increas\$4 adj rate) | USPAT | OR | ON | 2003/12/30 15:37 |
| S40 0 | 0 | switch\$4 adj protocols same (transfer adj increas\$4) | USPAT | OR | ON | 2003/12/30 15:38 |
| S40 1 | 35 | switch\$4 adj protocols same increas\$4 | USPAT | OR | ON | 2003/12/30 15:38 |
| S40 2 | 26 | switch\$4 adj protocols same increas\$4 and speed | USPAT | OR | ON | 2003/12/30 15:38 |
| S40 3 | 3 | switch\$4 adj protocols same (increas\$4 adj speed) | USPAT | OR | ON | 2003/12/30 15:38 |
| S40 4 | 826 | automatic adj vend\$4 adj machine | USPAT | OR | ON | 2003/12/30 16:42 |
| S40 5 | 0 | (automatic adj vend\$4 adj machine) same (rewrite adj program) | USPAT | OR | ON | 2003/12/30 16:00 |
| S40 6 | 0 | (automatic adj vend\$4 adj machine) and (rewrite adj program) | USPAT | OR | ON | 2003/12/30 16:00 |
| S40 7 | 0 | (automatic adj vend\$4 adj machine) and (rewrite near3 program) | USPAT | OR | ON | 2003/12/30 16:00 |
| S40 8 | 16 | (automatic adj vend\$4 adj machine) and rewrite | USPAT | OR | ON | 2003/12/30 16:01 |
| S40 9 | 162 | rewrite adj program | USPAT | OR | ON | 2003/12/30 16:53 |
| S41 0 | 1 | (rewrite adj program) and vend\$4 adj machine | USPAT | OR | ON | 2003/12/30 16:43 |
| S41 1 | 1 | (rewrite adj program) same vend\$4 with machine | USPAT | OR | ON | 2003/12/30 16:53 |
| S41 2 | 0 | (rewrite adj program) same vend\$4 with control adj units | USPAT | OR | ON | 2003/12/30 16:54 |
| S41 3 | 0 | (rewrite adj program) same machine with control adj units | USPAT | OR | ON | 2003/12/30 16:54 |
| S41 4 | 0 | (rewrite adj program) same machine with (control adj units) | USPAT | OR | ON | 2003/12/30 16:54 |
| S41 5 | 0 | (rewrite adj program) same machine same (control adj units) | USPAT | OR | ON | 2003/12/30 16:54 |
| S41 6 | 1 | (rewrite adj program) same machine and (control adj units) | USPAT | OR | ON | 2003/12/30 16:55 |
| S41 7 | 1 | ("4117459").PN. | USPAT; USOCR | OR | OFF | 2003/12/30 16:56 |

| | | | | | | |
|----------|--------|--|-----------------|----|-----|------------------|
| S41 8 | 1 | ("4282575").PN. | USPAT; USOCR | OR | OFF | 2003/12/30 16:58 |
| S41 9 | 1 | ("4834231").PN. | USPAT; USOCR | OR | OFF | 2003/12/30 17:00 |
| S42 0 | 0 | ("controladjunits").PN. | USPAT; USOCR | OR | OFF | 2003/12/30 17:01 |
| S42 1 | 131308 | control adj units | USPAT | OR | ON | 2003/12/30 17:01 |
| S42 2 | 145 | control adj units same (vending adj machine) | USPAT | OR | ON | 2003/12/30 17:01 |
| S42 3 | 4 | control adj units same (vending adj machine) same (control adj device) | USPAT | OR | ON | 2003/12/30 17:01 |
| S42 4 | 1 | ("5493692").PN. | USPAT; USOCR | OR | OFF | 2004/01/16 16:15 |
| S42 5 | 1 | ("6073142").PN. | USPAT; USOCR | OR | OFF | 2004/01/16 16:15 |
| S42 6 | 0 | (automatic adj (email or (e adj mail))) same sender same characteristics | USPAT | OR | OFF | 2004/01/09 18:05 |
| S42 7 | 0 | (automatic adj (email or (e adj mail))) same sender same characteristics | USPAT | OR | ON | 2004/01/09 18:05 |
| S42 8 | 39 | (automatic adj (email or (e adj mail))) | USPAT | OR | ON | 2004/01/09 18:05 |
| S42 9 | 1 | (automatic adj (email or (e adj mail))) and LDAP | USPAT | OR | ON | 2004/01/09 18:05 |
| S43 0 | 482 | (LDAP or (lightweight adj directory adj access adj protocol)) | USPAT | OR | ON | 2004/01/09 18:06 |
| S43 1 | 170 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" | USPAT | OR | ON | 2004/01/09 18:06 |
| S43 2 | 43 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and email | USPAT | OR | ON | 2004/01/09 18:06 |
| S43 3 | 105 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (email or (e adj mail)) | USPAT | OR | ON | 2004/01/09 18:07 |
| S43 4 | 0 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (automatic adj (email or (e adj mail))) | USPAT | OR | ON | 2004/01/09 18:07 |
| S43 5 | 105 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (email or (e adj mail)) | USPAT | OR | ON | 2004/01/09 18:07 |

| | | | | | | |
|----------|-------|--|-----------------|----|-----|------------------|
| S43 6 | 56 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (email or (e adj mail)) same (atabase or directory) | USPAT | OR | ON | 2004/01/09 18:08 |
| S43 7 | 72 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (email or (e adj mail)) same (database or directory) | USPAT | OR | ON | 2004/01/09 18:08 |
| S43 8 | 0 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (email or (e adj mail)) same (database or directory) same ((sender or reciever) adj characteristics) | USPAT | OR | ON | 2004/01/09 18:09 |
| S43 9 | 0 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (email or (e adj mail)) same (database or directory) same ((sender or reciever) adj information) | USPAT | OR | ON | 2004/01/09 18:09 |
| S44 0 | 0 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (email or (e adj mail)) same (database or directory) same (sender or reciever) | USPAT | OR | ON | 2004/01/09 18:09 |
| S44 1 | 32 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and (email or (e adj mail)) same (database or directory) and (sender or reciever) | USPAT | OR | ON | 2004/01/09 18:10 |
| S44 2 | 0 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and ((email or (e adj mail)) adj header) same (database or directory) | USPAT | OR | ON | 2004/01/09 18:11 |
| S44 3 | 0 | (LDAP or (lightweight adj directory adj access adj protocol)) same "x. 500" and ((email or (e adj mail)) adj header) | USPAT | OR | ON | 2004/01/09 18:11 |
| S44 4 | 1 | ("6529956").PN. | USPAT; USOCR | OR | OFF | 2004/02/08 18:41 |
| S44 5 | 11144 | ((e adj mail) or e-mail or email) | USPAT | OR | ON | 2004/03/12 17:24 |
| S44 6 | 15 | categor\$4 adj ((e adj mail) or e-mail or email) | USPAT | OR | ON | 2004/03/12 17:17 |
| S44 7 | 20 | ((((e adj mail) or e-mail or email)) and plurality adj categories) and (user-defined or (user adj defined)) | USPAT | OR | ON | 2004/03/12 17:15 |

| | | | | | | |
|------|------|--|-------|----|----|------------------|
| S448 | 0 | categor\$4 adj ((e adj mail) or e-mail or email) same ((user adj define) or user-define) | USPAT | OR | ON | 2004/03/12 17:10 |
| S449 | 0 | categor\$4 adj ((e adj mail) or e-mail or email) same ((user adj defined) or user-defined) | USPAT | OR | ON | 2004/03/12 17:10 |
| S450 | 0 | categor\$4 adj ((e adj mail) or e-mail or email) with((user adj defined) or user-defined) | USPAT | OR | ON | 2004/03/12 17:10 |
| S451 | 3 | categor\$4 adj ((e adj mail) or e-mail or email) and ((user adj defined) or user-defined) | USPAT | OR | ON | 2004/03/12 17:24 |
| S452 | 1169 | ((e adj mail) near categories or e-mail or email) and ((user adj defined) or user-defined) | USPAT | OR | ON | 2004/03/12 17:13 |
| S453 | 1169 | ((e adj mail)adj categories or e-mail or email) and ((user adj defined) or user-defined) | USPAT | OR | ON | 2004/03/12 17:13 |
| S454 | 2919 | ((e adj mail) or e-mail or email)) and categories | USPAT | OR | ON | 2004/03/12 17:14 |
| S455 | 80 | ((e adj mail) or e-mail or email)) and plurality adj categories | USPAT | OR | ON | 2004/03/12 17:14 |
| S456 | 2 | ((e adj mail) or e-mail or email)) and plurality adj categories) and (user-defined or (user adj defined)) same encapsulat\$4 | USPAT | OR | ON | 2004/03/12 17:16 |
| S457 | 61 | ((e adj mail) or e-mail or email)) and (user-defined or (user adj defined)) same encapsulat\$4 | USPAT | OR | ON | 2004/03/12 17:17 |
| S458 | 9 | categories adj ((e adj mail) or e-mail or email) | USPAT | OR | ON | 2004/03/12 17:18 |
| S459 | 0 | (categories adj ((e adj mail) or e-mail or email)) and encapsulat\$4 | USPAT | OR | ON | 2004/03/12 17:18 |
| S460 | 0 | categor\$4 adj ((e adj mail) or e-mail or email) and encapsulate\$4 | USPAT | OR | ON | 2004/03/12 17:24 |
| S461 | 0 | categor\$4 adj ((e adj mail) or e-mail or email) and encapsulat\$4 | USPAT | OR | ON | 2004/03/12 17:24 |
| S462 | 0 | categories adj ((e adj mail) or e-mail or email) and encapsulat\$4 | USPAT | OR | ON | 2004/03/12 17:24 |
| S463 | 0 | ((e adj mail) or e-mail or email) near encapsulat\$4 same threads | USPAT | OR | ON | 2004/03/12 17:25 |
| S464 | 0 | ((e adj mail) or e-mail or email) with encapsulat\$4 same threads | USPAT | OR | ON | 2004/03/12 17:25 |
| S465 | 6 | ((e adj mail) or e-mail or email) same encapsulat\$4 same threads | USPAT | OR | ON | 2004/03/15 14:18 |

| | | | | | | |
|----------|-------|--|-----------------|----|-----|------------------|
| S46 6 | 1 | ("6230012").PN. | USPAT; USOCR | OR | OFF | 2004/03/15 15:52 |
| S46 7 | 1 | ("6654359").PN. | USPAT; USOCR | OR | OFF | 2004/03/15 16:54 |
| S46 8 | 1 | ("5493692").PN. | USPAT; USOCR | OR | OFF | 2004/03/15 16:54 |
| S46 9 | 1450 | 709/219.ccls. | USPAT | OR | ON | 2004/04/16 15:42 |
| S47 0 | 123 | 709/219.ccls. and user adj profile | USPAT | OR | ON | 2004/04/16 15:43 |
| S47 1 | 8 | (709/219.ccls. and user adj profile) and meta adj data | USPAT | OR | ON | 2004/04/16 15:43 |
| S47 2 | 5 | ((709/219.ccls. and user adj profile) and meta adj data) and gateway | USPAT | OR | ON | 2004/04/16 15:59 |
| S47 3 | 13684 | ap@<"20001205" and gateway | USPAT | OR | ON | 2004/04/16 16:00 |
| S47 4 | 13684 | ad@<"20001205" and gateway | USPAT | OR | ON | 2004/04/16 16:00 |
| S47 5 | 13684 | ap@<"20001205" and gateway | USPAT | OR | ON | 2004/04/16 16:00 |
| S47 6 | 16 | ap@<"20001205" and gateway same meta adj data | USPAT | OR | ON | 2004/04/16 16:00 |
| S47 7 | 16 | ap@<"20001205" and gateway same (meta adj data) | USPAT | OR | ON | 2004/04/16 16:01 |
| S47 8 | 10 | ap@<"20001205" and gateway same (meta adj data) and id | USPAT | OR | ON | 2004/04/16 16:01 |
| S47 9 | 15 | ap@<"20001205" and gateway same (meta adj data) and identify | USPAT | OR | ON | 2004/04/16 16:01 |
| S48 0 | 16 | ap@<"20001205" and gateway same (meta adj data) and (identify or id) | USPAT | OR | ON | 2004/04/16 16:01 |
| S48 1 | 12 | ap@<"20001205" and gateway same (meta adj data) and (identifiers or id) | USPAT | OR | ON | 2004/04/16 16:02 |
| S48 2 | 0 | ap@<"20001205" and gateway same (meta adj data) and (file adj (identifiers or id)) | USPAT | OR | ON | 2004/04/16 16:02 |
| S48 3 | 1218 | ap@<"20001205" and (file adj (identifiers or id)) | USPAT | OR | ON | 2004/04/16 16:02 |
| S48 4 | 4 | ap@<"20001205" and (file adj (identifiers or id)) same (meta adj data) | USPAT | OR | ON | 2004/04/16 16:03 |
| S48 5 | 0 | ap@<"20001205" and (file adj (identifiers or id)) same (meta adj data) and gateway | USPAT | OR | ON | 2004/04/16 16:03 |

| | | | | | | |
|----------|-----|--|-------|----|----|------------------|
| S48 6 | 11 | ap@<"20001205" and (file adj (identifiers or id)) and (meta adj data) and gateway | USPAT | OR | ON | 2004/04/16 16:03 |
| S48 7 | 188 | (global adj network) and (local adj network) | USPAT | OR | ON | 2004/06/25 09:21 |
| S48 8 | 35 | ((global adj network) and (local adj network)) and ((application adj program adj interface) or api) | USPAT | OR | ON | 2004/06/25 09:22 |
| S48 9 | 32 | ((((global adj network) and (local adj network)) and ((application adj program adj interface) or api)) and remote | USPAT | OR | ON | 2004/06/25 09:23 |
| S49 0 | 20 | (((((global adj network) and (local adj network)) and ((application adj program adj interface) or api)) and remote) and translate\$4 | USPAT | OR | ON | 2004/06/25 09:23 |
| S49 1 | 17 | ((((((global adj network) and (local adj network)) and ((application adj program adj interface) or api)) and remote) and translate\$4) and transmit\$4 | USPAT | OR | ON | 2004/06/25 09:26 |
| S49 2 | 27 | execute\$4 adj remote adj procedure | USPAT | OR | ON | 2004/06/25 09:30 |
| S49 3 | 3 | (execute\$4 adj remote adj procedure) and (local adj processor) | USPAT | OR | ON | 2004/06/25 09:28 |
| S49 4 | 0 | (execute\$4 adj remote adj program) and (local adj processor) | USPAT | OR | ON | 2004/06/25 09:31 |
| S49 5 | 6 | execute\$4 adj remote adj program | USPAT | OR | ON | 2004/06/25 09:30 |
| S49 6 | 0 | ((execute\$4 adj remote adj program) and (local adj processor)) and local | USPAT | OR | ON | 2004/06/25 09:31 |